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PATENT APPLICATION

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54. MONITORING DEVICE FOR THE ACQUISITION AND MONITORING OF SIGNALS

57. The device for the acquisition and monitoring of electrical signals originating from the heart (C) of a patient (P) following the leads (D1, DII, DIII) claimed by this invention, is composed of a connection element (2, 9) containing supports (6, 7; 10 to 13) each provided with an electrode (L, R, N and F) connected by an electrical cable (8, 14) to parallel isolated strands which are connected to the input of a signal acquisition card, the card being connected to an intermediate housing (4) for the receipt and transmission, without electromagnetic interference to the electrical signals originating from the electrodes, to a central unit (5 for the treatment, analysis and output of heart monitoring (C). The invention also concerns a corresponding method for positioning an inventive monitoring device involving gluing of the supports to left and right patient shoulders so that a connection element can be arranged above the heart to enable cardiac monitoring. <Yellow section not found on editor's copy. Possibly 2 different abstracts?>

